

ABSTRACT

A method of improving a signal in an image sequence acquired with a digital color video camera creating a digital video signal (1) including a brightness signal component (3) and a color signal component (4) includes the steps (6, 7) of continuously evaluating the brightness signal component (3) to calculate maximum brightness values and minimum brightness values at least within a first predetermined image sector and at least for a partial sequence of images, continuously calculating offset values on the basis of at least two previously calculated minimum brightness values, continuously calculating gain values based on differences between at least to previously calculated maximum brightness values and the associated minimum brightness values, continuously modifying the brightness signal component (3) by subtracting the last calculated offset value therefrom and by then multiplying it with the last gain value, and continuously modifying the color signal component (4) by multiplying it with the last calculated gain value and a predetermined weighting factor at least for a second predetermined image sector.